

Mike Brown



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SASKATCHEWAN POWER CORPORATION

2025 Victoria Avenue,
Regina, Saskatchewan,
S4P 0S1
1982-January-25.

OUR FILE NO.

E4.1.22

E4.1.27

RECEIVED
FEB 2 1982
DHW - Div. of Environment

→ { Mr. David E. Joscelyn,
Area Manager,
Arrcom Incorporated,
Montana Region,
The Halverwood Company,
1655 Karmen Road,
HELENA, Montana, U.S.A. 59601

Dear Mr. Joscelyn:

Re: Waste Transformer Oil Shipment
Documentation of the Oil's PCB Content

The waste transformer oil to be received by Arrcom Incorporated has been sampled and independently analyzed for polychlorinated biphenyl (PCB) content. Results of testing confirm that the oil contains less than 50 ppm PCBs.

The designated oil for shipment is presently contained in three tanks totalling 5 500 imperial gallons. On 1982-January-08, two 125 millilitre oil samples were withdrawn from each tank. All six samples were forwarded to Can Test Ltd. for analyses. A copy of the test results and a table correlating sample identification to respective tanks is attached.

No oil has been added to any of the tanks since sampling. We trust this proves satisfactory.

Sincerely yours,

B. L. Dehm,
Assistant Engineer,
Environmental Programs.

RECEIVED
AUG 16 1982

TECHNICAL OPERATIONS SECTION

BLD/bja
Attachment

cc: D. A. Fast - Saskatchewan Environment, Regina, Saskatchewan
J. Witteman - Environment Canada, Regina, Saskatchewan
J. Everts - Toxic Substances, EPA Region 10, Seattle, Washington
D. Koch - Health and Welfare, Division of Environment, Boise, Idaho
J. McGarraugh - Customs, Great Falls, Montana
J. D. Simpson - Distribution Engineering, SPC, Regina, Saskatchewan

USEPA RCRA
3009305



can test ltd.

1650 PANDORA STREET, VANCOUVER, B.C. V5L 1L6 • TELEPHONE 254-2278 • TELEX 04-54210



Report On Analysis of oil sample for polychlorinated File No. 4947E
biphenyls Report No. _____
Reported To Saskatchewan Power Corporation P.O. # _____
Environmental Program, 2025 Victoria Avenue Date January 19, 1982
Regina, Saskatchewan
Attention: Barry Dehm

We have tested the six (6) transformer oil samples (submitted by you on January 13, 1982) for the presence of polychlorinated biphenyls and report as follows:

SAMPLE IDENTIFICATION:

The samples were labelled as shown in "Results of Testing".

METHOD OF TESTING:

The samples were tested by a method using sulfuric acid clean-up followed by analysis by gas chromatography with electron capture detection.

RESULTS OF TESTING:

<u>CTL#</u>	<u>IDENTIFICATION</u>	<u>PCB</u>
4947E-1	ARS 148	27.
4947E-2	ARS 149	35.
4947E-3	ARS 150	27.
4947E-4	ARS 151	33.
4947E-5	ARS 152	9.0
4947E-6	ARS 153	9.2

- all results expressed as micrograms per gram (ug/g) or parts per million
Arochlor 1260

CAN TEST LTD.

W.R. Dinsmore

W.R. Dinsmore, B.Sc.,
Supervisor
Trace Organics Laboratory

/cs

APPARATUS REPAIR SHOP
Waste Transformer Oil Samples
Results of Testing

Sample Date: 1982-January-08

Sample Identification	Tank Description	PCB Concentration (ppm)
ARS 148	3000 gal. main tank	27
ARS 150	3000 gal. main tank	27
ARS 149	500 gal. small tank	35
ARS 151	500 gal. small tank	33
ARS 152	2000 gal. transformer tank	9.0
ARS 153	2000 gal. transformer tank	9.2

B.L. Dehm
1982/01/25